

DUBLIN TCE
ADMINISTRATIVE RECORD FILE * **
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. Report: A Water Resources Study of the Dublin Area, Dublin, Pennsylvania, prepared by International Exploration, Inc., 5/7/84. P. 100001-100066.
2. Report: Analysis of Hydrologic Data gathered in 1984 for the Dublin Study Area, prepared by International Exploration, Inc., 2/12/85. P. 100067-100142.
3. Quarterly Review of Dublin Hydrologic Data, April 1985 - June 1985, 7/5/85. P. 100143-100173.
4. Quarterly Review of Hydrologic Data, July 1985 - September 1985, 10/8/85. P. 100174-100203.
5. Quarterly Review of Hydrologic Data, October 1985 - December 1985, 1/86. P. 100204-100228.
6. Quarterly Review of Hydrologic Data Collected in Dublin Borough, January 1986 - March 1986, 4/15/86. P. 100229-100284.
7. Quarterly Review of Hydrologic Data, Dublin Borough, April 1986 - June 1986, 7/28/86. P. 100285-100308.
8. Letter to Ms. Lori Acker, U.S. EPA, from Mr. Everett C. Hogg, County of Bucks, Department of Health, re: Tabulation of TCE analysis results for samples collected from wells in Dublin Borough, 8/29/86. P. 100309-100369. The following are attached:
 - a) four handwritten TCE sample result forms;
 - b) a map of Dublin;
 - c) a handwritten memorandum dated September 2, 1986 regarding the data;

* Administrative Record File available 8/5/91, updated 8/7/91, 12/4/91, 12/27/91, and 1/20/92.

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- d) a handwritten memorandum regarding Dublin Borough's wells;
- e) two ground water contour maps;
- f) a hydrologic monitoring locations map;
- g) a map illustrating the largest consumers of ground water;
- h) a map illustrating the monitor well locations surrounding the Rosenelli Test well;
- i) a monitor well data sheet;
- j) special analyses report, sample numbers 111108-13, 0111116-17, 0111119-24, 0161129-36, 0161149-52, 0161171-82, and 1161202;
- k) Quality Control Laboratory, Inc., report numbers 86024522, 86023626, 86024875, 86024422;
- l) two water quality analysis reports;
- m) a well water sample report.

9. Report: Preliminary Assessment of Dublin Water Supply Site, prepared by NUS Corporation, 12/23/88. P. 100370-100778.

10. Report: Site Inspection Using Available Information of Dublin Water Supply, prepared by NUS Corporation, 8/9/89. P. 100779-101224.

11. National Oil and Hazardous Substance Contingency Plan, The National Priorities List Revisions: Amendment, Proposed Rule Public Docket Index - Update #10, 10/26/89. P. 101225-101226.

12. Letter to Mr. Larry Reed, U.S. EPA, from Mr. John P. Judge, Cohen, Shapiro, Polisher, Shiermen and Cohen, re: Supplemental public comment of Sequa Corporation to proposed listing of Dublin, Pennsylvania TCE Site on

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the National Priorities List, 6/15/90. P. 101227-
101448.

III. REMEDIAL RESPONSE PLANNING

1. Report: Report of Hydrogeologic Analysis of the Borough of Dublin, Groundwater Supply Wells, prepared by Mercuri and Associates, Inc., 4/87. P. 300001-300080.
2. Report: Results of Soil Sampling Program, prepared by BCM Engineers, Inc., 3/88. P. 300081-300147.
A transmittal letter is attached.
- ** 3. Exhibit List-H: Cost Study-Dublin Borough Water System, 8/8/88. P. 300148-300155.
- ** 4. Exhibit List-B: Geraghty & Miller Map, 8/11/88.
P. 300156-300258.
5. Report: Results of Groundwater Investigation, prepared by BCM Engineers, Inc., 10/88. P. 300259-300311.
A transmittal letter is attached.
6. Delaware River Basin Commission, Application for Approval of a Proposed Groundwater Withdrawal, 11/28/88. P. 300312-300509. A hydrogeological analysis of the Rosenelli well report is attached.
- ** 7. Exhibit List II-O: Recent information, test, etc., 4/89. P. 300510-300523.
8. Letter to Mr. George C. Elias, Delaware River Basin Commission, from Mr. John F. Fabian, PADER, re: Approval of Water Supply Application No. 0989504, 6/1/89. P. 300524-300524.
9. Letter to Mr. Robert E. Day-Lewis, Pennsylvania Department of Environmental Resources (PADER), from Mr. John Philip Diefender, Stuckert and Yates, re: Exhibits to proceedings, 7/26/89. P. 300525-300525.
10. Letter to Mr. Robert Day-Lewis, PADER, from Ms. Barbara J. Rudnick, Mercuri and Associates, Inc., re: Confirmation of discussion on ground water, 9/18/89. P. 300526-300526A.
11. Letter to Mr. John P. Diefenderfer, Stucker and Yates, from Mr. Anderson Lee Hartzell, PADER, re: Proposed permitting of the Rosenelli well in Dublin, 9/19/89. P. 300527-300529.

12. Letter to Mr. Luther L. Wonsidler, Dublin Borough, from Mr. Lewis Luchie, PADER, re: Water Supply Permit No. 0989504, 9/21/89. P. 300530-300536. The following are attached:
 - a) Public Water Supply Permit No. 0989504;
 - b) notification regarding quarterly analysis for trichloroethylene;
 - c) Agreement between PADER and the Borough of Dublin in the issuance of the permit;
 - d) letter regarding site visit;
 - e) a Dublin Borough well data printout.
13. Letter to Dr. Bruno Mercuri, Mercuri and Associates, Inc., from Mr. Robert E. Day-Lewis, PADER, re: Agreement on location of monitoring well, 9/27/89. P. 300537-300537.
14. Agreement between the Borough of Dublin and PADER, 10/2/89. P. 300538-300539.
15. Letter to Mr. Robert Day-Lewis, PADER, from Ms. Barbara A. Dolce and Mr. Robert A. Saar, Geraghty and Miller, Inc., re: Additional information concerning ground water recovery and treatment on or near the 120 Mill Street property, 10/19/89. P. 300540-300545. Table 1 - Water and Trichloroethene (TCE) Volumes in Contaminated Areas, Dublin Borough, Pennsylvania and Table 2 - Pumping Rates for Remediation of High Concentration Area near 120 Mill Street Property, Dublin Borough, Pennsylvania are attached.
16. Letter to Mr. Robert E. Day-Lewis, PADER, from Mr. John A. Garges, BCM Engineers, Inc., re: Confirmation of a telephone conversation concerning the Thompson water tower leak, 1/10/90. P. 300546-300546.
17. Report: Hydrogeologic Analysis of Dublin Borough Wells no. 1 and no. 2, Consultant's Report for the Year 1989, prepared by Mercuri and Associates, Inc., 3/90. P. 300547-300759.
18. Letter to Mr. John H. Thompson, Thompson Organization,

from Mr. William H. Jolly, PADER, re: Confirmation of results for investigation regarding release of TCE contaminated water, 3/27/90. P. 300760-300767. The following are attached:

- a) letter regarding the investigation of the Thompson water tank;
- b) a Statement of Conditions Building Permit #90-873-BZP;
- c) hand drawn map of a contaminant chamber;
- d) Application for Permit for Erection of New Building or Alternation of Addition to an Existing Building;
- e) memorandum regarding a daily report of activity at the Thompson tank;
- f) hand drawn map of Thompson tank.

- 19. Letter to Dr. Robert A. Saar, Geraghty and Miller, Inc., from Mr. Robert E. Day-Lewis, PADER, re: Comments regarding the Conceptual Remedial Alternatives Work Plan, 3/28/90. P. 300768-300769.
- 20. Letter to Mr. Mark J. Vasoli, Dublin Borough, from Mr. William D. Kee, Cowan Associates, re: Estimate of operation and maintenance costs for the proposed water treatment plant, 4/18/90. P. 300770-300777. The cost estimates and a water distribution system map are attached.
- 21. Letter to Mr. John Diefenderfer, Stuckert and Yates, from Mr. William D. Kee, Cowan Associates, Inc., re: Comments to a site investigation, 4/18/90. P. 300778-300780.
- 22. Report: Results of Source Investigation, 120 Mill Street Site, Dublin Borough, Pennsylvania, prepared by Geraghty and Miller, Inc., 6/90. P. 300781-300937. A transmittal letter is attached.
- ** 23. Report: Cost of Remedial Action, prepared by CH2M Hill, 7/12/90. P. 300938-300998. A transmittal letter is attached.
- 24. Letter to Mr. Larry Reed, U.S. EPA, from Mr. Leon T.

Gonshur, PADER, re: Consent Order and Agreement between PADER and Sequa Corporation, 7/26/90. P. 300999-301011. The Consent Order and Agreement is attached.

25. Letter to Mr. Mark Vasoli, Borough of Dublin, Mr. John P. Diefenderfer, Stuckert and Yates, and Mr. William Kee, Cowan and Associates, re: Comprehensive report on drilling and construction of a TCE monitoring well, 8/15/90. P. 3011012-301014. The TCE monitoring well report is attached.
26. Letter to Ms. Diane Walker, U.S. EPA, from Mr. John P. Judge, Cohen, Shapiro, Polisher, Shiekman, and Cohen, re: Response of Sequa Corporation to letter dated August 22, 1990, 10/26/90. P. 301015-301076. A response letter dated October 24, 1990 and exhibit A: Source Investigation Work Plan 120 Mill Street Site and Conceptual Remedial Alternatives for the Bedrock Aquifer Underlying Dublin Borough, Pennsylvania are attached.
27. Letter to Mr. Edwin B. Erickson, U.S. EPA, from Mr. John Philip Diefenderfer, Stuckert and Yates, re: Recovery cleanup at the Dublin Site, 12/11/90. P. 301077-301117. The following are attached:
 - a) letter by EPA in response to the December 11, 1990 correspondence;
 - b) letter regarding the estimate of operation and maintenance (O and M) cost for the proposed Water Treatment Plant (WTP);
 - c) Operating and Maintenance Manual;
 - d) two Thompson/Sequa TCE Removal System maps.
28. Letter to Mr. Philip Rotstien, U.S. EPA, from Mr. J. Vasoli, Borough of Dublin, re: Monitoring well TCE test results, 2/9/91. P. 301118-301120. A letter regarding a laboratory report and a laboratory sample results form are attached.
29. Memorandum to file from Mr. Mark J. Vasoli, Borough of Dublin, re: Organic volatile test results, 2/21/91.

- P. 301121-301126. Two Certificates of Analysis, two Chemical or Radiological Analysis Input forms, and a Chain of Custody are attached.
30. Memorandum to Ms. Diane Walker, U.S. EPA, from Mr. David M. Kargbo, U.S. EPA, re: Review of March 1990 Hydrogeologic Analysis of Wells 1 and 2, 3/19/91. P. 301127-301129.
 31. Telephone conversation record of Mr. Mark Vasoli, Borough of Dublin, with Ms. Diane Walker, U.S. EPA, re: Public distribution system, 5/22/91. P. 301130-301131.
 32. Telephone conversation record of Ms. Susan Coburn, Whistlewood Apartment Complex, with Ms. Diane Walker, U.S. EPA, re: Structure and capacity of the water production well, 5/23/91. P. 301132-301132.
 33. Telephone conversation record of Mr. David Shapowal, Thompson Toyota, with Ms. Diane Walker, U.S. EPA, re: Wells located at 120 Mill Street, 5/23/91. P. 301133-301133.
 34. Letter to Ms. Diane J. Walker, U.S. EPA, from Mr. Mark J. Vasoli, Borough of Dublin, re: Map with borough properties currently tied into the public water system, 5/29/91. P. 301134-301135. The map is attached.
 35. Letter to Ms. Diane Walker, U.S. EPA, from Mr. Thomas R. Hartnett, PADER, re: Preliminary list of Applicable or Relevant and Appropriate Requirements (ARARs), 6/3/91. P. 301136-301138.
 36. Telephone conversation record of Mr. Mark Vasoli, Borough of Dublin, with Ms. Diane Walker, U.S. EPA, re: Water line construction estimates, 6/10/91. P. 301139-301139.
 37. Letter to Ms. Diane Walker, U.S. EPA, from Mr. Mark Vasoli, Borough of Dublin, re: Water line construction estimates, 6/12/91. P. 301140-301144A. The cost estimates and a water distribution map are attached.
 38. Phone Conversation Record of Mr. Bruno Mercuri, Mercuri and Associates, Inc., with Ms. Diane Walker, U.S. EPA, re: Information about the public distribution system, 6/13/91. P. 301145-301147.

39. Telephone conversation record of Mr. Mark Vasoli, Borough of Dublin, with Ms. Diane Walker, U.S. EPA, re: Water usage in the borough, 6/21/91. P. 301148-301149.
40. Letter to Ms. Diane J. Walker, U.S. EPA, from Mr. John Philip Diefenderfer, Stuckert and Yates, re: Dublin Borough Ordinance No. 205, 6/26/91. P. 301150-301156. The ordinance is attached.
41. Memorandum to file from Ms. Diane Walker, U.S. EPA, re: A January 18, 1991 meeting to discuss water usage, (undated). P. 301157-301157.
42. Memorandum to Ms. Diane Walker, U.S. EPA, from Mr. Anderson Lee Hartzell, PADER, re: Consent Order and agreement between PADER and Sequa Corporation, (undated). P. 301158-301169. The Consent Order is attached.
43. Map of Dublin, (undated). P. 301170-301171. A partial list of wells in Dublin from a report entitled Pennsylvania Department of Internal Affairs, Groundwater Resources of Bucks County, PA is attached.
44. Report: Dublin TCE Site Focused Feasibility Study For Alternative Water Supply, Interim Final Report, prepared by NUS Corporation, 8/6/91. P. 301172-301309.
45. U.S. EPA Proposed Plan for Early Action, Dublin TCE Superfund Site, 8/8/91. P. 301310-301323.
46. Report: Standard Specifications for Water System Construction, prepared by Cowan Associates, Inc., 1/89. P. 301324-301369.
47. Report: Instructions for Building Connections to the Sanitary Sewer System, prepared by Cowan Associates, Inc., 5/90. P. 301370-301376.
48. Report: Standard Specifications for Sanitary Sewer Construction, prepared by Cowan Associates, Inc., 5/29/90. P. 301377-301448.
49. Ordinance, No. 200, Dublin Burough, 8/6/90. P. 301449-301480.
50. Letter to Mr. John P. Diefenderfer, Stuckert and Yates, from Mr. Jeffery H. Teital, Sequa Corporation, re: Response to counter-offer for partial settlement,

- 8/31/90. P. 301481-301481.
51. Ordinance, No. 203, Dublin Borough, 1/7/91. P. 301482-301483.
 52. Ordinance, No. 205, Dublin Borough, 4/1/91. P. 301484-301489.
 53. Report: Technical Comments on the Proposed Plan for Early Action and Focused Feasibility Study for Alternative Water Supply, Dublin TCE Site, prepared by Geraghty and Miller, Inc., 9/91. P. 301490-301534.
 54. Letter to Ms. Dianne Walker, U.S. EPA, from Mr. William D. Kee, Cowan Associates, Inc., re: Supplement to public hearing testimony, 9/6/91. P. 301535-301536.
 55. Letter to Mr. John P. Diefenderfer, Stuckert and Yates, from Mr. Bruno M. Mercur, Mercuri and Associates, Inc., re: Water supply alternatives, 9/9/91. P. 301537-301540. Information on construction procedures is attached.
 56. Letter to Ms. Dianne J. Walker, U.S. EPA, from Mr. John Philip Diefenderfer, Stuckert and Yates, re: Supplemental comments to the Proposed Plan, 9/10/91. P. 301541-301549.
 57. Letter to Ms. Francesca DiCosmo, U.S. EPA, from Mr. John S. Bender, re: Comments on the Proposed Plan, 9/23/91. P. 301550-301550.
 58. Letter to Ms. Dianne J. Walker, U.S. EPA, from Mr. John Philip Diefenderfer, Stuckert and Yates, re: Supplemental information about Sequa Corporation, 9/24/91. P. 301551-301554.
 59. Letter to Ms. Diane Walker, U.S. EPA, from Mr. Charles R. Galiszewski, Sequa Corporation, re: Confirmation of telephone conversation, 10/2/91. P. 301555-301555.
 60. Record of Decision, Dublin TCE Site, 12/30/91. P. 301556-301706.

IV. REMOVAL RESPONSE PROJECTS

1. Memorandum to Mr. Gerry Heston, U.S. EPA, from Mr. Mark Tucker, Roy F. Weston, Inc., re: Carbon efficiency, 8/19/86. P. 400001-400010.
2. U.S. EPA Incoming Spill Report, Dublin Water Supply, 8/27/86. P. 400011-400011.
3. Trichloroethylene (TCE) Factual Information Sheet, prepared by Chemical Information Systems, Inc., 8/29/86. P. 400012-400018.
4. Letter to Ms. Lori Acker, U.S. EPA, from Mr. Everett C. Hogg, County of Bucks, re: Transmittal of TCE analysis results, 8/29/86. P. 400019-400023. The results are attached.
5. Pollution Report #1, Dublin Water Supply, 9/9/86. P. 400024-400025.
6. Pollution Report #2, Dublin Water Supply, 9/9/86. P. 400026-400027.
7. Hazardous Waste Site Investigation and Emergency Response Safety Plan, prepared by Roy F. Weston, Inc., 9/10/86. P. 400028-400034.
8. Memorandum to Mr. Jay Rodstein, U.S. EPA, from Mr. Greg Janice and Mr. Peter Harnett, Roy F. Weston, Inc., re: Background information on Dublin TCE Site, 9/15/86. P. 400035-400089.
9. Pollution Report #3, Dublin Water Supply, 9/15/86. P. 400090-400091.
10. Memorandum to Mr. Jay Rodstein, U.S. EPA, from Mr. Greg Janice and Mr. Peter Harnett, Roy F. Weston, Inc., re: Transmittal of Scope of Work, 9/18/86. P. 400092-400095. The Scope of Work is attached.
11. Pollution Report #4, Dublin Water Supply, 10/6/86. P. 400096-400097.
12. Pollution Report #5, Dublin Water Supply, 10/6/86. P. 400098-400099.
13. Pollution Report #6, Dublin Water Supply, 10/9/86. P. 400100-400101.

14. Pollution Report #7, Dublin Water Supply, 10/19/86.
P. 400102-400103.
15. Pollution Report #8, Dublin Water Supply, 10/22/86.
P. 400104-400105.
16. Memorandum to Mr. Charles J. Walters, U.S. EPA, from
the Acting Director, Department of Health & Human
Services, re: Health consultation for Dublin Water
Supply, 10/23/86. P. 400106-400117.
17. Pollution Report #9, Dublin Water Supply, 11/7/86.
P. 400118-400119.
18. Letter to Mr. John N. Thompson from Mr. Walter E.
Stanley, Jr., PADER, re: Results of sampling tests,
11/12/86. P. 400120-400121.
19. Pollution Report #10, Dublin Water Supply, 11/18/86.
P. 400122-400124.
20. Pollution Report #11, Dublin Water Supply, 11/21/86.
P. 400125-400126.
21. Letter to Mr. Michael Mason, U.S. EPA, from Mr. Robert
C. Brod, BCM Engineers, Inc., re: Residential well
sampling plans, 11/25/86. P. 400127-400328.
22. Tap Water Summary, Dublin TCE Site, 12/2/86.
P. 400329-400342.
23. Letter to Ms. Deane Bartlett, U.S. EPA, from Mr. Brian
J. McCullough, Connolly, Chandor & McAndrews, re:
Comments on BCM's proposal, 12/30/86. P. 400343-
400357. The Proposal for Groundwater Contamination
Investigation and Remediation Plan is attached.
24. Letter to Mr. Michael Mason, U.S. EPA, from Mr. Michael
Galvin, Versar, Inc., re: Split sampling results,
1/12/87. P. 400358-400361. A data summary sheet and a
chain of custody form are attached.
25. Memorandum to Mr. Michael Mason, U.S. EPA, and Mr.
Robert Young, PADER, from Mr. Peter G. Noll, County of
Bucks, re: Comments on ground water monitoring
proposal, 2/5/87. P. 400362-400362.
26. Letter to Ms. Deane H. Bartlett, U.S. EPA, from Mr.
Brian J. McCullough, Connolly, Chandor & McAndrews, re:

Ground water sampling, 3/11/87. P. 400363-400368.

27. Letter to Ms. Deane H. Bartlett, U.S. EPA, from Mr. Robert C. Brod, BCM Engineers, Inc., re: Transmittal of draft Work Plan, 3/27/87. P. 400369-400377.
28. Letter to Ms. Deane H. Bartlett, U.S. EPA, from Mr. Steven F. Kemp, BCM Engineers, Inc., re: Transmittal of Work Plan, 5/21/87. P. 400378-400386.
29. Letter to Mr. Michael Mason, U.S. EPA, from Mr. Steven F. Kemp, BCM Engineers, Inc., re: Transmittal of Work Plan, 5/21/87. P. 400387-400389.
30. Consent Agreement and Order, In the Matter Of: Dublin TCE Site, John H. Thompson, Respondent, Docket No. III-87-22-DC, 6/29/87. P. 400390-400398.
31. Report: Revised Hydrogeologic Investigation Plan for Thompson Property, prepared by BCM Engineers, Inc., 7/87. P. 400399-400415.
32. Letter to Mr. Steven F. Kemp, BCM Engineers, Inc., from Mr. Robert O. Young, PADER, re: Revised hydrogeologic investigation plan, 8/31/87. P. 400416-400418.
33. Letter to Mr. Robert Wallace, Funk Water Quality Company, from Mr. Robert J. Wyatt, BCM Engineers, Inc., re: Installation of water treatment systems, 9/2/87. P. 400419-400423.
34. Letter to Mr. Robert O. Young, PADER, from Mr. Steven F. Kemp, BCM Engineers, Inc., re: Soil vapor survey results, 11/18/87. P. 400424-400431.
35. Tap Water Summary, Dublin TCE Site, 12/1/87. P. 400432-400439.
36. Letter to Mr. Michael Mason, U.S. EPA, from Mr. Robert J. Wyatt, BCM Engineers, Inc., re: Results of tap water sampling, 1/15/88. P. 400440-400444.
37. Letter to Mr. Michael Mason, U.S. EPA, from Mr. Steven F. Kemp, BCM Engineers, Inc., re: Work Plan implementation, 1/19/88. P. 400445-400457.
38. Report: Assessment of Source Contamination in Whistlewood Apartment Complex Water Supply Well, prepared by Roy F. Weston, Inc., 2/15/88.

- P. 400458-400495.
39. Tap Water Sampling Results, Dublin TCE Site, 2/2/88.
P. 400496-400676.
 40. Memorandum to Ms. Henrietta Woodward, U.S. EPA, from
Mr. Cornelius F. Carr, U.S. EPA, re: File
accessibility, 3/88. P. 400677-400680.
 41. Memorandum to Mr. Michael Mason, U.S. EPA, from Mr.
Daniel K. Donnelly, U.S. EPA, re: Transmittal of
analytical reports, 3/30/88. P. 400681-400684.
 42. Letter to Mr. John Galligan, Jr., John Galligan and
Sons, from Mr. Robert J. Wyatt, BCM Engineers, Inc.,
re: Filter renewal in Dublin, 4/7/88. P. 400685-
400686.
 43. Letter to Mr. Steven F. Kemp, BCM Engineers, Inc., from
Mr. Robert E. Day-Lewis, PADER, re: Soil sampling
program, 4/8/88. P. 400687-400687.
 44. Letter to Mr. Bob Day-Lewis, PADER, from Mr. Robert J.
Wyatt, BCM Engineers, Inc., re: Monitoring well
location modification, 4/21/88. P. 400688-400689.
 45. Letter to Mr. Michael Mason, U.S. EPA, from Mr. Robert
J. Wyatt, BCM Engineers, Inc., re: Sampling results,
4/22/88. P. 400690-400796.
 46. Letter to Ms. Mary Letzkus, U.S. EPA, from Mr. Scott
Slagley, Versar, Inc., re: Transmittal of analytical
results of the volatile organics analysis samples,
7/25/88. P. 400797-400814.
 47. Letter to Ms. Mary Letzkus, U.S. EPA, from Mr. Robert
J. Wyatt, BCM Engineers, Inc., re: Summary of tap
water sampling results, 8/18/88. P. 400815-400830.
The results are attached.
 48. Letter to Ms. Mary Letzkus, U.S. EPA, from Mr. Scott A.
Slagley, Versar, Inc., re: Results of volatile
organics water samples analysis, 8/24/88.
P. 400831-400834.
 49. Letter to Ms. Mary Letzkus, U.S. EPA, from Mr. Scott A.
Slagley, Versar, Inc., re: September monthly report,
10/4/88. P. 400835-400845. The report is attached.

50. Letter to Ms. Mary Letzkus, U.S. EPA, from Mr. Robert J. Wyatt, BCM Engineers, Inc., re: Results of tap water sampling, 11/8/88. P. 400846-400949. The results are attached.
51. Tap Water Residential Sampling Data, 12/6/88. P. 400950-400958.
52. Memorandum to Mr. Eric Johnson, U.S. EPA, from Mr. Daniel K. Donnelly, U.S. EPA, re: Results of volatile organics analysis, 1/4/89. P. 400959-400966. The results are attached.
53. Memorandum to Mr. Eric Johnson, U.S. EPA, from Ms. Theresa A. Simpson, U.S. EPA, re: Review of organic data, 2/8/89. P. 400967-400998. The review is attached.
54. Memorandum to Mr. Eric Johnson, U.S. EPA, from Mr. Daniel K. Donnelly, U.S. EPA, re: Volatile organics analysis report, 5/2/89. P. 400999-401007. The report is attached.
55. Letter to Ms. Mary Letzkus, U.S. EPA, from Mr. John A. Garges and Mr. John V. Interrante, BCM Engineers, Inc., re: Transmittal of analytical results for tap water sampling, 5/12/89. P. 401008-401215. The results are attached.
56. Letter to Mr. Peter Kho, U.S. EPA, from Ms. Virginia H. Pohlman, Versar, Inc., re: Detection differences for TCE, 5/18/89. P. 401216-401217.
57. Residential water sampling results, 7/21/89. P. 401218-401228.
58. Memorandum to Mr. Peter Kho, U.S. EPA, from Ms. Theresa A. Simpson, U.S. EPA, re: Organic data review, 8/16/89. P. 401229-401290. The review is attached.
59. Letter to Mr. Rich Dolcey, U.S. EPA, from Mr. John A. Garges and Mr. Steffan R. Helbig, BCM Engineers, Inc., re: Transmittal of analytical results for tap water sampling, 8/28/89. P. 401291-401422. The results are attached.
60. Letter to Mr. Peter Kho, U.S. EPA, from Mr. Mark diFelicianantonio, CDM Federal Programs Corporation, re: Data base for work assignment, 8/30/89. P. 401423-

401435. The tap water sampling summary is attached.
61. Memorandum to Mr. Eric Johnson, U.S. EPA, from Ms. Theresa A. Simpson, U.S. EPA, re: Organic data review, 9/7/89. P. 401436-401491. The review is attached.
 62. Letter to Ms. Jean Cooper, U.S. EPA, from Mr. Paul Wooldridge, Versar, Inc., re: Transmittal of sample shipping log and chain of command records, 9/11/89. P. 401492-401495. A shipping log and two records are attached.
 63. Memorandum to Mr. Peter Kho, U.S. EPA, from Mr. Daniel K. Donnelly, U.S. EPA, re: Volatile organics report, 10/16/89. P. 401496-401522. The report is attached.
 64. Letter to Mr. Edwin Erickson, U.S. EPA, from Mr. John Philip Diefenderfer, Stuckert and Yates, re: Comments on the Consent Order, 6/25/90. P. 401523-401530.
 65. Letter to Mr. John P. Diefenderfer, Stuckert and Yates, from Mr. Dennis P. Carney, U.S. EPA, re: Response to letter of June 25th and comments on the Consent Order, 9/5/90. P. 401531-401532.
 66. Letter to Mr. Kenneth Kryszczun, U.S. EPA, from Mr. Charles Walters, Agency for Toxic Substances and Disease Registry, re: Transmittal of Draft Preliminary Health Assessment, 10/23/90. P. 401533-401557. The report and a letter are attached.
 67. Dublin TCE Site, Work Plan, (undated.) P. 401558-401565.
 68. Modification to the Consent Agreement and Order of June 29, 1987 Between United States of America and John H. Thompson, Docket No. III-87-22-DC, 4/91. P. 401566-401567.
 69. Residential Well sampling results, 6/91. P. 401568-401600.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/IMAGERY

1. Letter to the Honorable Peter H. Rostmayer, U.S. House of Representatives, from Mr. Edwin B. Erickson, U.S. EPA, re: Progress of activity by EPA at the Dublin TCE Site, 10/18/90. P. 500001-500007. A copy of the letter with concurrences and a transmittal letter regarding the site is attached.
2. Letter to the Honorable Peter H. Rostmayer, U.S. House of Representatives, from Mr. Edwin B. Erickson, U.S. EPA, re: Alternative options for the water supply for residents whose wells may be affected by contamination from the site, 5/15/91. P. 500008-500011. A copy of the letter with concurrences, a letter concerning a focus feasibility study and payments of costs related to cleanup, and a transmittal letter regarding the site are attached.
3. Letter to Ms. Elaine Spiewak, U.S. EPA, from Mr. Mark diFelicianantonio, CDM Federal Programs Corporation, re: Fact Sheet for Dublin TCE Site, 5/17/91. P. 500012-500020. The fact sheet is attached.
4. Report: Dublin TCE Superfund Site Public Meeting, prepared by Barbara A. Lorick Reporting Services, 8/26/91. P. 500021-500100.
5. Public Notice, Dublin Borough News, Main Street (Route 313) Projects, 7/91. P. 500101-500101.

SITE SPECIFIC GUIDANCE DOCUMENTS INCLUDED

1. "Ultraviolet Light, Researchers Use UV Light for VOC Destruction," Hazmat World, 5/90.
2. Bucks County Water Supply Inventory, prepared by Bucks County Planning Commission, 12/88.
3. The Hazards of Using Point-of-Use Water Treatment Devices Employing Activated Carbon, prepared by Health and Welfare Canada, 12/80.
4. "Bacteria Associated with Granular Activated Carbon Particles in Drinking Water," Applied and Environmental Microbiology, 9/86.
5. "Growth and Persistence of Pathogens on Granular Activated Carbon Filter," Applied and Environmental Microbiology, 12/85.
6. Air Stripper Design Manual, prepared by Research Triangle Institute, 5/90.
7. Technology Evaluation Report: SITE Program Demonstration of the Ultrox International Ultraviolet Radiation/Oxidation Technology, 1/90.
8. Ultrox International Ultraviolet Radiation/Oxidation Technology, Applications Analysis Report, 9/90.
EPA/540/A5-89/012
9. Point-of-Entry Drinking Water Treatment Systems for Superfund Applications, prepared by PEI Associates, Inc., 6/89.
EPA/600/2-89/027
10. Environmental Pollution Control Alternatives Drinking Water Treatment for Small Communities, 5/90.
EPA/625/5-90/025.

BIBLIOGRAPHY OF SITE SPECIFIC GUIDANCE DOCUMENTS

1. A Guide to Selecting Superfund Remedial Actions,
4/1/90.
OSWER #9355.0-27FS
2. Control of Air Emissions from Superfund Air Strippers
at Superfund Groundwater Sites.
OSWER #9533-0-2B
3. Guidance for Conducting Remedial Investigations and
Feasibility Studies Under CERCLA, prepared by
OSWER/OERR, October 1, 1988.
OSWER #9355.3-014.
4. A Compendium of Technologies Used in the Treatment of
Hazardous Wastes, prepared by ORD/CERI, September 1,
1987.
EPA-625/8-87/014
5. Carbon Absorption Isotherms for Toxic Organics,
prepared by R.A. Dobbs, MERL, and J.M. Cohen, MERL,
April 1, 1980.
EPA-600/8-80-023
6. Handbook Remedial Action at Waste Disposal Sites
(Revised), prepared by ORD/HWERL and OSWER/OERR,
October 1, 1985.
EPA-625/6-85/006
7. Guidance Document for Providing Alternate Water
Supplies, prepared by OERR, February 1, 1988.
OSWER #9355.3-03
8. Remedial Action Costing Procedures Manual, prepared by
JRB Associates/CH2M Hill, ORD/MERL, and OSWER/OERR,
October 1, 1987.
EPA-600/8-87/049